

".....professional data research-oriented experience....":

Tasks, job duties, or roles that demonstrate a progression in complexity, difficulty, or level of responsibility. This could include developing research projects, compiling and analyzing data, and interpreting data independently or with very little supervision. Professional research includes increasingly complex research (e.g., legislative and regulatory policy, systems analysis, forecasting, trending, budget analysis, application of computerized models to research data). Writing and presenting research findings at the end of the project. (see list in Pattern I for further research duties)

".....responsibility for the determination of research data gathering and reporting design and methodology for a complete research project."

Based on a desired outcome, establishing and implementing a systematic gathering of data for a particular purpose from various sources, including questionnaires, survey review of research literature, interviews, observation, existing records, and information systems. Upon review of data establish how data will be analyzed and reported.

"...methodology for a complete research project..."

May include identifying the research question, performing a review of literature and relevant sources, performing industry scans, establishing methodology for collecting data, inputting and organizing the data, analyzing the data, drawing conclusions and interpreting the research, identifying study limitations, and presenting results orally and/or in writing (e.g., reports, manuscripts, publications, PowerPoint presentations, trend reports, conferences, posters).